

CAPS APPROVED TEXTBOOKS

Intermediate Phase



ISBN	Component
Solutions for all Natural Sciences & Technology Grade 4	
9781431010288	Learner's Book
9781431010295	Teacher's Guide
Solutions for all Natural Sciences & Technology Grade 5	
9781431010325	Learner's Book
9781431010332	Teacher's Guide
Solutions for all Natural Sciences & Technology Grade 6	
9781431010363	Learner's Book
9781431010370	Teacher's Guide

Senior Phase

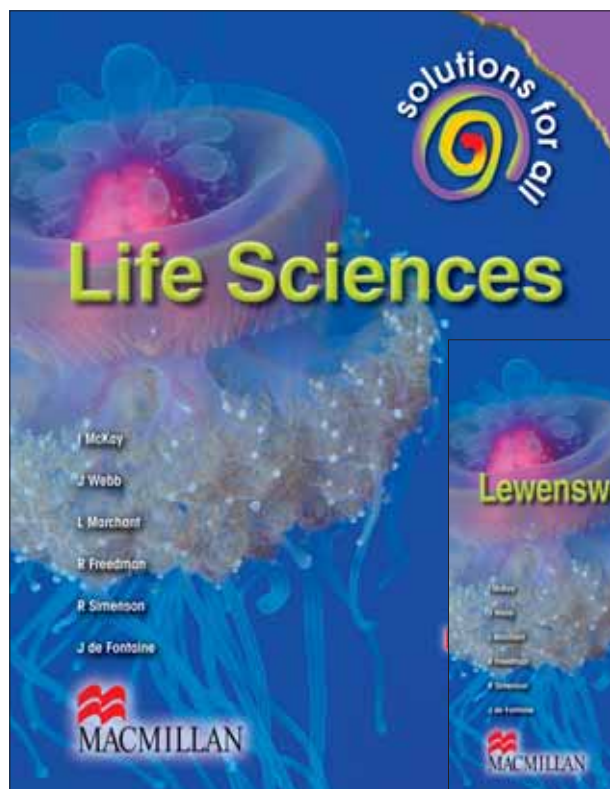
ISBN	Component
Solutions for all Natural Sciences Grade 7	
9781431014521	Learner's Book
9781431014538	Teacher's Guide
Solutions for all Natural Sciences Grade 8	
9781431014545	Learner's Book
9781431014552	Teacher's Guide
Solutions for all Natural Sciences Grade 9	
9781431014569	Learner's Book
9781431014576	Teacher's Guide



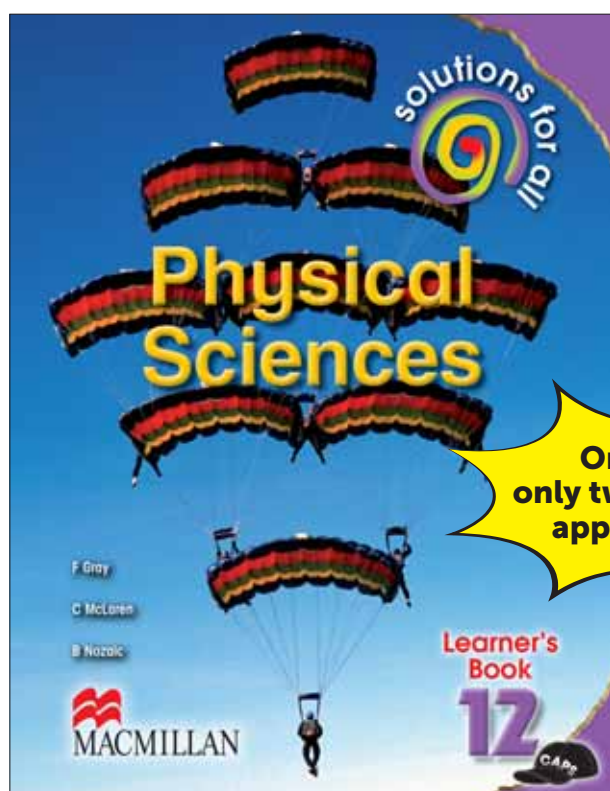
ISBN	Component
Solutions for all Technology Grade 7	
9781431014927	Learner's Book
9781431014934	Teacher's Guide
Solutions for all Technology Grade 8	
9781431014941	Learner's Book
9781431014958	Teacher's Guide
Solutions for all Technology Grade 9	
9781431014965	Learner's Book
9781431014972	Teacher's Guide

CUSTOMER SERVICES

FET Phase



ISBN	Component
Solutions for all Life Sciences Grade 11	
9781431010486	Learner's Book
9781431010493	Teacher's Guide
Almal verstaan Lewenswetenskappe Graad 11	
9781431010509	Learner's Book
9781431010516	Teacher's Guide



**One of
only two books
approved!**

ISBN	Component
Solutions for all Life Sciences Grade 12	
9781431014385	Learner's Book
9781431014392	Teacher's Guide
Almal verstaan Lewenswetenskappe Graad 12	
9781431014408	Learner's Book
9781431014415	Teacher's Guide

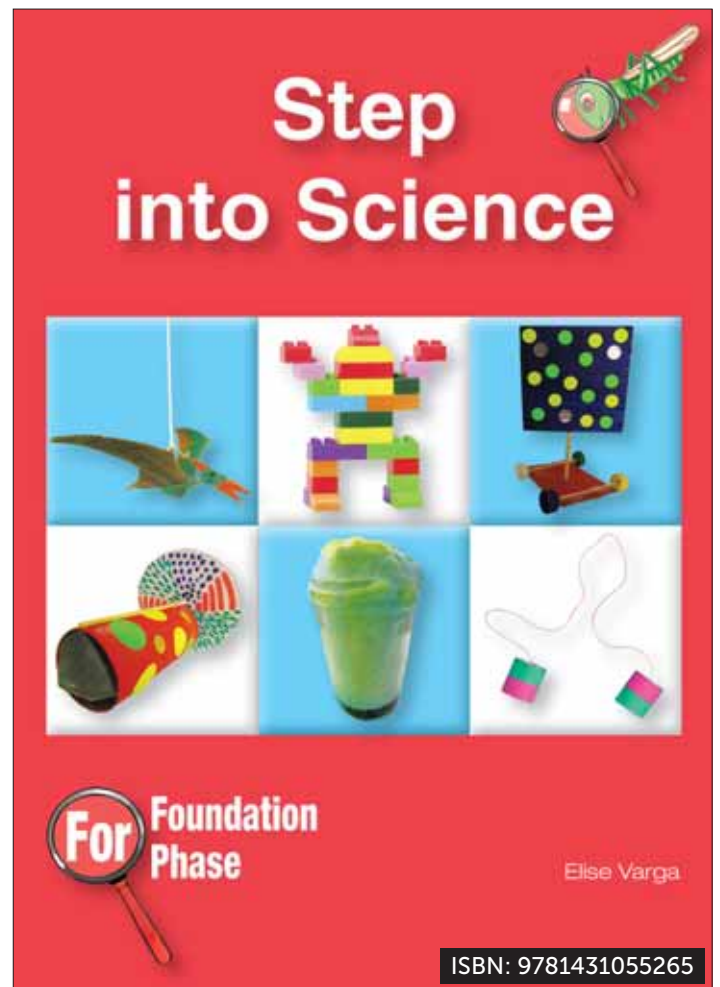
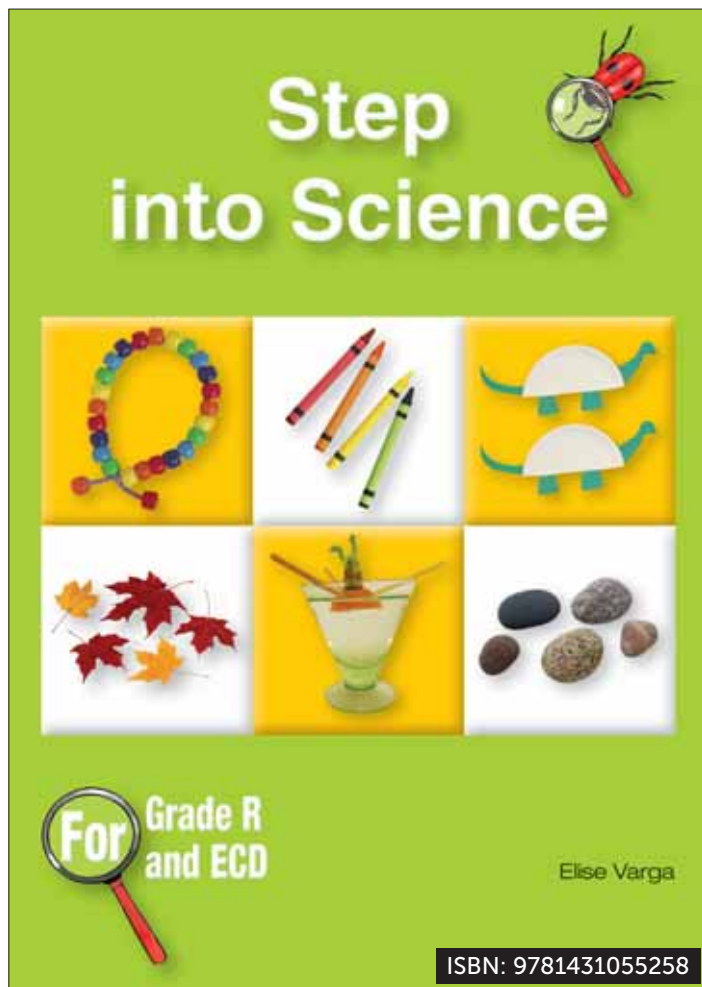
ISBN	Component
Solutions for all Physical Sciences Grade 12	
9781431014583	Learner's Book
9781431014590	Teacher's Guide

SCIENCE AND TECHNOLOGY RESOURCE MATERIAL

Step into Science



Step into Science is Macmillan's new series of Science activity books. The books in this series include a range of fun activities, each based on a scientific or technological principle. You don't need to be a Science teacher to use this book – the activities are presented in a clear, easy-to-use way, listing the resources needed and the steps to follow for each activity.



These features have been carefully designed to help teachers bring scientific learning into the classroom:

- The activities link to the South African CAPS topics for Life Skills. They help the learners to see that scientific or technological principles can be seen in all aspects of everyday life.
- The full-colour artwork and photos make it easy to understand how to set up each activity.
- The resources listed are generally common household objects, and are easy and inexpensive to source.
- The activities list the integrated developmental skills that learners will practise through the activity.
- Additional notes explain some scientific principles, where necessary.
- Each activity includes a 'Science sum up', which explains the objective of the activity.
- The book includes several observation sheets that teachers may copy and adapt for their own classes.

Natural Sciences & Technology Resource Kits

These Resource Kits are a print-and-paper-based visual interactive resource to enhance Natural Sciences and Technology teaching and learning in the classroom. Each kit contains posters, games and photocopiable worksheets, for group, pair and individual work.

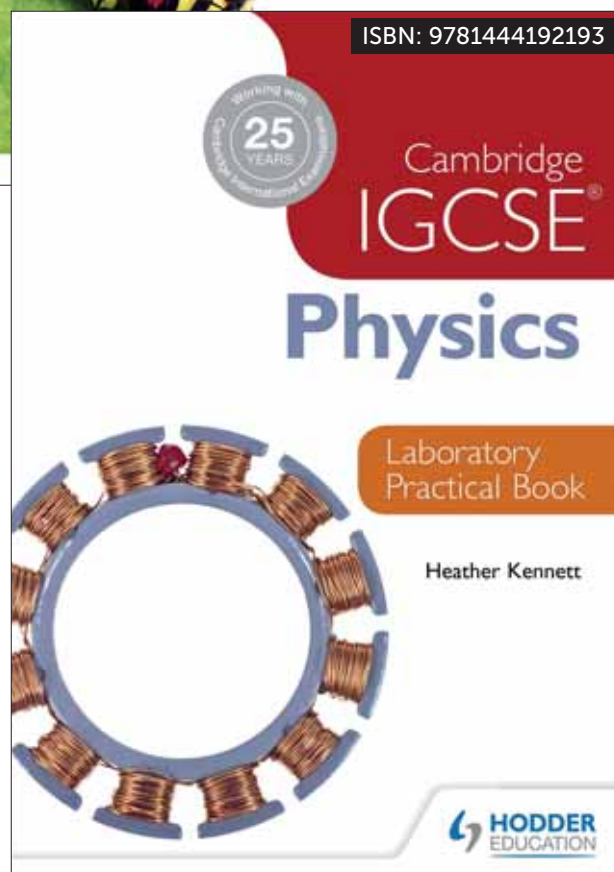
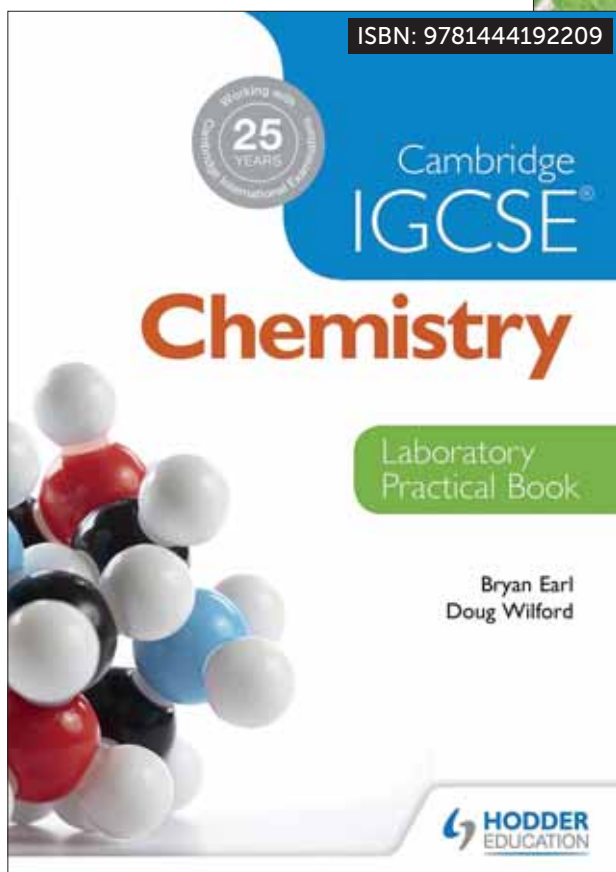
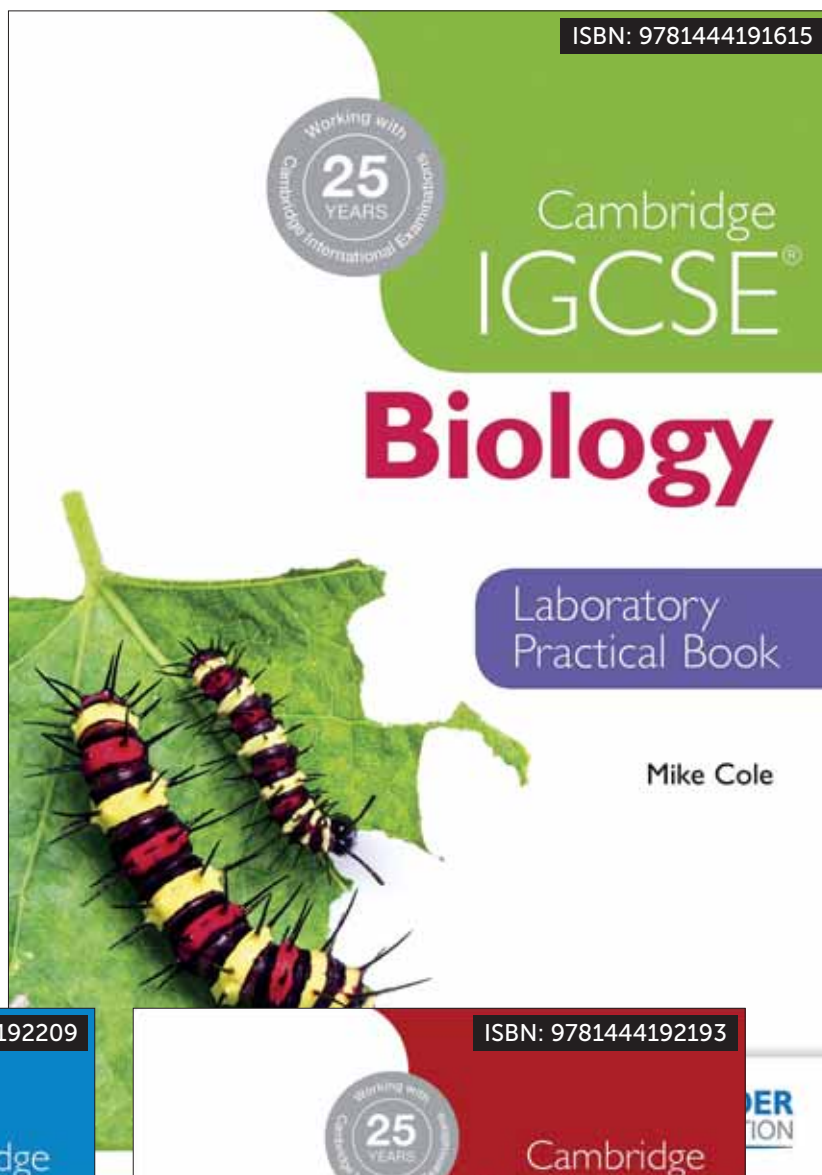


IGCSE Laboratory Practical Books

Improve your learners' scientific skills and report writing with achievable experiments and simple structured guidance.

These **Laboratory Practical Books** support the teaching and learning of the practical assessment element of the Cambridge IGCSE Biology, Physics and Chemistry Syllabi. Using these books, learners will interpret and evaluate experimental observations and data. They will also plan investigations, evaluate methods and suggest possible improvements.

- Demonstrates the essential techniques, apparatus, and materials that learners require to become accomplished scientists
- Improves the quality of written work with guidance, prompts and experiment writing frames
- Develops experimental skills and abilities through a series of investigations
- Prepares learners for the Practical paper or the Alternative, with past exam questions



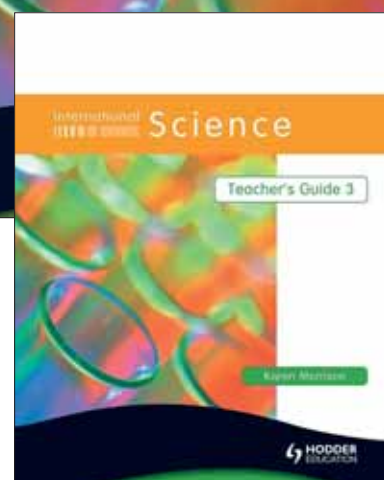
International Science

Support English language skills while improving subject content knowledge with a comprehensive three-level lower secondary programme specifically designed for non-native English speaking learners studying Science through the medium of English.

- Benefit from a flexible programme that ensures thorough preparation for the IGCSE and equivalent courses and is suitable as a stand-alone course.
- Aid understanding and encourage practical application with experiments.
- Engage interest with clear text and stimulating activities.
- Consolidate knowledge with chapter summaries and revision questions in the coursebook.



Title	ISBN
International Science Coursebook 1	9780340966037
International Science Workbook 1	9780340966006
International Science Teacher's Guide 1	9780340966044
International Science Coursebook 2	9780340966051
International Science Workbook 2	9780340966075
International Science Teacher's Guide 2	9780340966013
International Science Coursebook 3	9780340966020
International Science Workbook 3	9780340965993
International Science Teacher's Guide 3	9780340966068



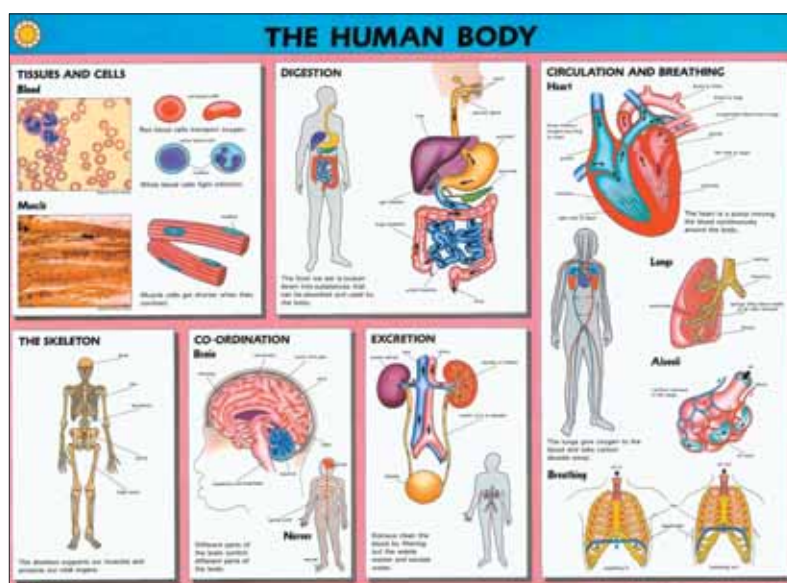
Macmillan Wall Charts

Macmillan's Wall Charts are stunning full colour visual aids designed, with images, to help a teacher get the most out of their learners. Features include:

- 10–12 charts in a pack
- Each pack covers a specific topic
- Each chart forms the basis for numerous classroom discussions, activities and projects
- Excellent visual teaching aid

Each chart comes with separate teaching notes. These notes contain:

- Background information about the chart
- The key ideas covered by the images on the chart
- Questions to ask learners, designed to support and facilitate thinking skills
- Further activities



Title	ISBN
Macmillan Chemistry Wall Chart	9780333611326
Macmillan Human Biology Wall Chart	9780333456224

First Aid in Science

First Aid in Science provides all the help and support needed for learning and practising Science. It offers a comprehensive guide to core topics using plain English. It can be used in class, or as a reference and revision book. This title:

- develops a strong basis of understanding with core topics covered in clear and accessible language
- improves learners' ability to work through problems with plenty of practice exercises and revision tests
- reflects its international readership with terms and information that are appropriate for learners worldwide.

Answers to First Aid in Science contains all the answers to the exercises in the bestselling **First Aid in Science**. This series provides all the help and support for learning and practising Science with core topics covered using language that has been controlled for clarity and accessibility.



The A–Z of Scientific Discoveries

This series highlights eighty-four important scientific discoveries that identify or explain parts of the natural world. Each discovery is explored over a double-page spread, with information on:

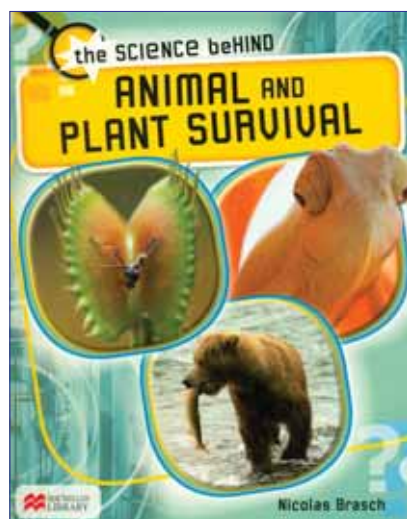
- Who made the discovery
- How the discovery was made
- The significance of the discovery
- Changes related to the discovery over time

Features include timelines, mini biographies of scientists and running glossary and definitions.



Title	ISBN
Volume 1 A–C	9781420275773
Volume 2 D–G	9781420275780
Volume 3 H–L	9781420275797
Volume 4 M–O	9781420275803
Volume 5 P–S	9781420275810
Volume 6 T–Z	9781420275827

The Science Behind



This fascinating series poses, and answers, intriguing science questions that learners are curious about.

Each book takes one theme or topic and explores it via thirteen engaging questions. The highly visual content assists learners' understanding of the sometimes quite complex concepts and processes.

The questions are posed and answered using a number of different methods, including text, charts, maps, graphs, diagrams, timelines and annotated photos and illustrations.



Title	ISBN
Animal and plant survival	9781420279184
Natural disasters	9781420279153
The foods we eat	9781420279160
Theme parks, playgrounds and toys	9781420279177
Time, tides and revolutions	9781420279207
Tricks of sound and light	9781420279191

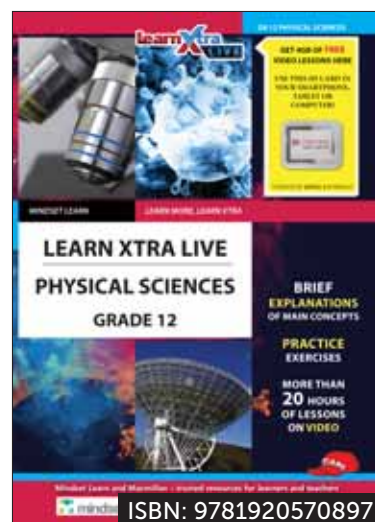
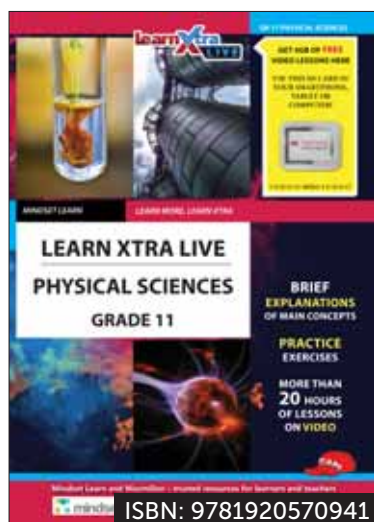
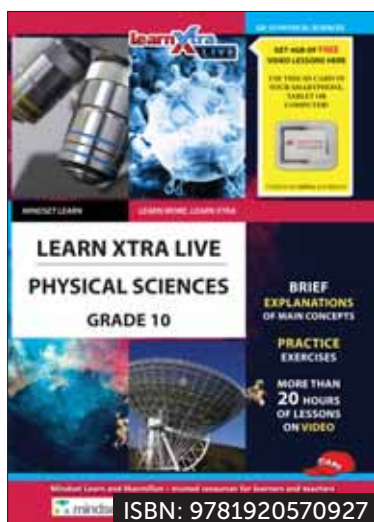
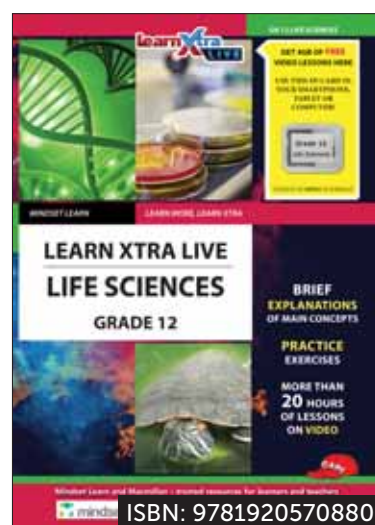
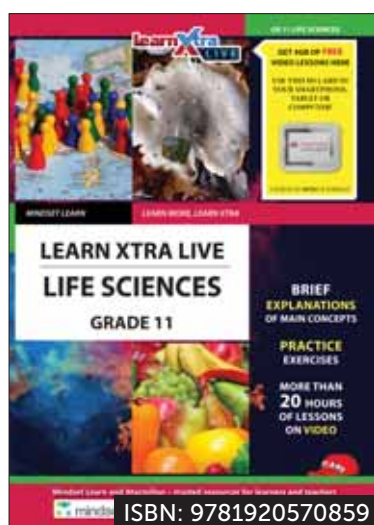
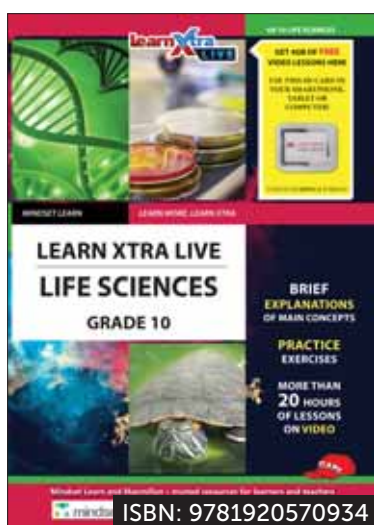
EXAM PREPARATION

Learn Xtra Live Study Guides



A digital revision solution at your fingertips

The **Learn Xtra Live Study Guides** for Grades 10–12 are a collaboration with well known TV programme **Mindset** and include **20 hours of video footage** from **Learn Xtra Live** revision television broadcasts. The product packages the video footage on a micro SD card together with a study guide that contains explanations of core concepts, revision questions and examination type questions. The answers to the questions are included. The micro SD card allows learners to access all the MP4 videos, explanations and questions on any compatible device, including a cell phone.



Features

- CAPS aligned material
- **Explanations** of key topics
- Study **questions with answers**
- **20 hours** of lessons taught by expert teachers

Benefits

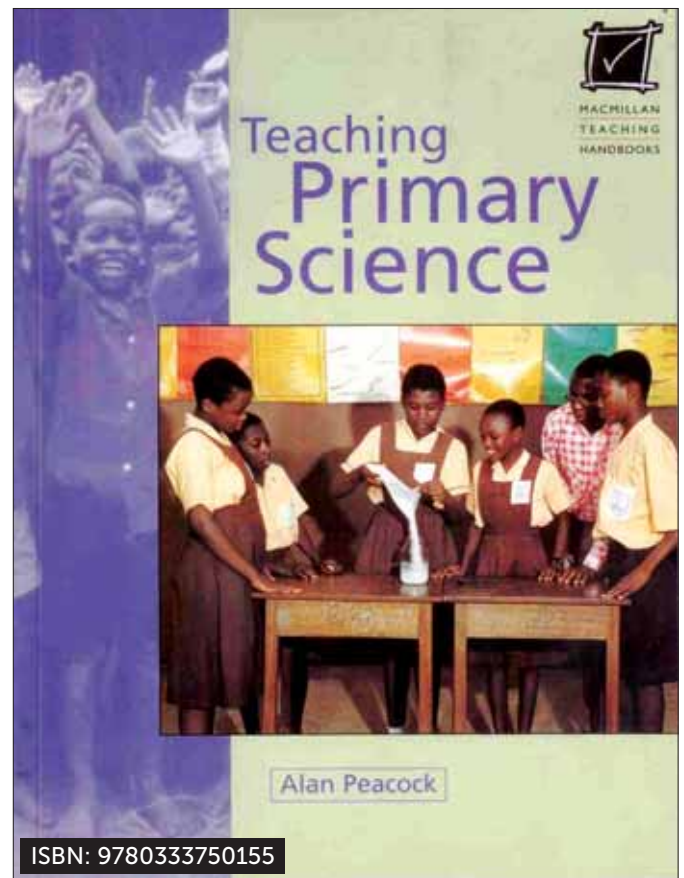
- Revise at your **own pace**
- **Step-by-step** video lessons presented by a teacher
- **MP4 format** video material

TEACHER SUPPORT

Macmillan Teaching Handbooks

Teaching Primary Science

Macmillan Teaching Handbooks are designed to meet the pre-service and service needs of primary school teachers in both lower and upper primary classrooms. These titles tackle important issues in depth in an attractive and easy to use format in clear and simple language. The books provide practical suggestions for improving teaching methods. They keep in mind the problems and challenges teachers face in the classroom. In essence, this is a series of highly practical teacher reference books, designed specifically for the needs of primary school teachers in Africa.



Teaching Series

Teaching Scientific Investigations

Teaching Scientific Investigations offers Natural Sciences, Life Sciences and Physical Sciences teachers new approaches to conducting scientific investigations and to guide learners towards designing their own investigations.

It covers topics such as: Learning through investigations; Taking the first steps in doing investigations; Asking investigable questions; Scientific investigations in the classroom and Assessing scientific investigations.

